



ROUTE	STATE	DISTRICT	SHEET NO.
	MO		

JOB NO.

CONTRACT ID

PROJECT NO.

COUNTY	DATE

SEC/SUR	TWP	RGE

GENERAL NOTES:

Design Specifications:
2002 - AASHTO 17th Edition
Load Factor Design

Design Unit Stresses:
Class B-1 concrete f'c = 4,000 psi
Reinforcing steel (Grade 60), fy = 60,000 psi

Design Loading:
HS20-44 HS20 Modified

Earth 120 #/ft.³
Equivalent fluid pressure
30 #/ft.³ (Min.) - 60 #/ft.³ (Max.)

All elevations shown are in feet unless otherwise noted.

The box shown below indicating whether a precast or c/p box was used should be checked by MoDOT Construction personnel:

☐ Precast Box used
☐ Cast-in-Place Box used

When alternate precast box sections are used, the minimum barrel length measured along the shortest wall from the first joint to the outside of the headwall, shall be 3'-2". Reinforcement and dimensions for the wings and headwalls shall be in accordance with Missouri Standard Plans drawing.

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

"Sec" refers to the sections in the standard and supplemental specifications unless specified otherwise.

ESTIMATED REINFORCING STEEL SUMMARY		
BAR SIZE	PLAIN (LBS)	EPOXY (LBS)
4		
5		
6		
7		
8		
9		
10		
11		
TOTAL		

LOCATION SKETCH

Designed
Detailed
Checked

Note: This drawing is not to scale. Follow dimensions.

Sheet No. of

ESTIMATED QUANTITIES

	FINAL QUANTITIES
Class 4 Excavation	cu. yard
Removal of Bridges	lump sum
Class B-1 Concrete (Culverts-Bridge)	cu. yard
Reinforcing Steel (Culverts-Bridge)	pound

BRIDGE

STATE ROAD

ABOUT

PROJECT NO.

JOB NO.

STA.

RTE.

STD.

STD.

STD.

STD.

BOX 3

Date: / /

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